

WHAT IS CLAIMED IS:

1. An automated tinting film remover for vehicle window glass, comprising:
 - a loading device having a plurality of pneumatic suction means for moving and
 - 5 locating the window glass at a predetermined position;
 - a securing device for firmly securing the window glass transferred by said loading device; and
 - a removing device for eliminating a tinting film coated on the window glass, said removing device comprising a vapor emitting means, a cutting means, and a scraping
 - 10 means.
2. An automated tinting film remover according to claim 1, wherein the securing device comprises:
 - a first supporting element capable of rotating and longitudinally moving by
 - 15 means of a hydraulic device;
 - a U-shaped upper securing means pivotally coupled to an upper end of said first supporting element so as to pivot on a coupling point, the upper securing means comprising a movable roller and an anti-slip bar;
 - a second supporting element capable of rotating and longitudinally moving by
 - 20 means of a hydraulic device;
 - a lower securing means including a plate element and a plurality of pneumatic suction means mounted on the plate element, the lower securing means being pivotally coupled to an upper end of said second supporting element; and
 - a bumper for preventing a lower end of the window glass from being broken due
 - 25 to vibration during a tinting film removing process, the bumper capable of moving back and forth in accordance with the movement of said lower securing means.
3. An automated tinting film remover according to claim 2, wherein the movable roller, the anti-slip bar, and the bumper are made of rubber.
- 30 4. An automated tinting film remover according to claim 1, wherein the vapor emitting means comprises a plurality of cylindrical rollers capable of free rotation and a plurality of nozzles formed on surfaces of said rollers.

5. An automated tinting film remover according to claim 1, wherein the cutting means for cutting the tinting film coated on the window glass comprises conductive wires disposed in a checkered pattern.
- 5 6. An automated tinting film remover according to claim 1, wherein the scraping means for peeling off the tinting film coated on the window glass comprises at least two rollers having rough surfaces and an intake device for gathering the tinting film scraped by the rough surfaces of said rollers.
- 10 7. An automated tinting film remover according to claims 1, wherein the vapor emitting means, the cutting means, and the scraping means are incorporated into a multi-axis robot so that those can be readily exchanged with each other in accordance with the requirement by rotation of the robot.